

AMENDMENTS TO THE SPECIFICATION:

Please amend the specification as follows:

Please add the following new paragraph after paragraph ~~[0021]~~ ^[0019]:

-- FIG. 2 is a three-dimensional cut-away drawing of the point-of-care analytic device, and an associated cartridge showing a network of conduits and reservoirs, according to one or more embodiments of the present invention. --

Please add the following new paragraph after paragraph ~~[0040]~~ ^[039]:

-- FIG. 2 illustrates a representative point-of-care analytic device 36 as well as a cartridge, such as a disposable cartridge 34, that operates in conjunction with a point-of-care analytical device 36. The disposable cartridge 34 can have a network of conduits 18 and reservoirs 26 containing several paddle wheels 10 to transport biological fluid. According to one or more embodiments, the paddle wheels 10 may be coupled inductively to an external electromagnet 42 that can be housed within the point-of-care analytic device 36. In some embodiments, the electromagnetic drive mechanism can be a micro-coil 38 which causes the paddle wheel 10 to move according to the alternating field in the micro-coil 38. --